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J102 U.S. PTO
11/07/01C872 U.S. PTO
11/07/01

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 1082-011

First Inventor Micheal P. Iverson

Title SYSTEM FOR PERFORMING COUPLED FINITE ANALYSIS

Express Mail Label No. EL889189823US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 220] 1
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 4] 1
- Oath or Declaration [Total Pages] 1
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. §3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____ / _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label or Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Sullivan Law Group				
Address	5060 North 40 th Street Suite 120				
City	Phoenix	State	Arizona	Zip Code	85018
Country		Telephone	(602) 956-6161	Fax	(602) 956-6262

Name (Print/Type)	Stephen T. Sullivan	Registration No. (Attorney/Agent)	32,444
Signature			Date
			November 7, 2001

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JC872 U.S. PTO
10/005752
11/07/01

Sullivan Law Group

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Patents, Trademarks, Copyrights,
Related Intellectual Property Law
Federal Government Procurement Law

1200 G Street, N.W., Suite 800
Washington, D.C. 20005
Telephone (202) 661-6116
Facsimile (202) 661-6117

November 7, 2001

Via Express Mail

BOX PATENT APPLICATION
Assistant Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Re: *Filing of New U.S. Patent Application Entitled "SYSTEM FOR PERFORMING COUPLED FINITE ANALYSIS"*
Our Ref. 1082-011

Dear Sir:

We hereby submit the following papers in connection with the filing of this new U.S. patent application entitled "SYSTEM FOR PERFORMING COUPLED FINITE ANALYSIS," inventors Michael P. Iverson and Daron A. Isaac:

1. Utility Application Transmittal Form (1 page);
2. Specification (219 pages) including claims (4 independent claims and 47 claims total), including Appendices I-III;
3. Abstract of the Disclosure (1 page);
4. Drawing figures (5 figures on 4 pages);
5. Duplicate CD-ROMs with attached transmittal letter;
6. Non-Publication Request (1 page);
7. Fee Transmittal form (1 sheet, 2 copies) and check for \$1,310.00 to cover the filing fee; and
8. Postcard for receipt acknowledgment.

Assistant Commissioner for Patents
November 7, 2001
Page 2

The filing fee was determined as follows:

Basic filing fee:	\$740.00
Independent claims in excess of 3 (1 claim @ \$84.00 per claim):	\$84.00
Total claims in excess of 20 (27 claims @ \$18.00 per claim):	<u>\$486.00</u>
Total Filing Fee:	\$1,310.00

If there are any fees due in connection with this application and not satisfied by the attached check, please charge them to our Deposit Account No. 501324.

This application claims the benefit of priority of U.S. Provisional Application No. 60/246,399 filed in the U.S. Patent & Trademark Office on November 7, 2000, the complete disclosure of which is incorporated herein by reference.

Please accord this application a serial number and the filing date of November 7, 2001.

Sincerely,



Stephen T. Sullivan
David S. Taylor

STS/DST/akh
Enclosures

Assistant Commissioner for Patents
November 7, 2001
Page 3

CERTIFICATE OF EXPRESS MAIL

Express Mail Mailing Label No. EL889189823US
Date of Deposit: November 7, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Assistant Commissioner for Patents, U.S. Patent and Trademark Office, Washington, D.C. 20231.

Anne K Hoole

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EL889189823US

Date of Deposit November 7, 2001

I hereby certify that the attached drawings (5 figures on 4 sheets) are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed, BOX PATENT APPLICATION, Assistant Commissioner for Patents, U.S. Patent and Trademark Office, Washington, D.C. 20231.

Ann K Hoole

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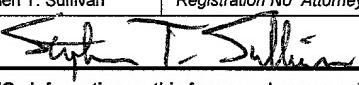
FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1310)

Complete if Known	
Application Number	Unassigned
Filing Date	November 7, 2001
First Named Inventor	Micheal P. Iverson
Examiner Name	Unassigned
Group / Art Unit	Unassigned
Attorney Docket No.	1082-011

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																														
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text" value="501324"/></p> <p>Deposit Account Name <input type="text"/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive – unintentional</td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17 (q)</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) <input type="text" value="(\$ 0)"/></td> </tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - 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<p>**or number previously paid, if greater, For Reissues, see above</p>																																																																																																																																																																		

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Stephen T. Sullivan	Registration No	32,444
Signature			Telephone (602) 956-6161
Date	November 7, 2001		

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Sullivan Law Group

A Professional Corporation

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Phoenix, Arizona 85018-2140
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Patents, Trademarks, Copyrights,
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jc872 U.S. PTO
10/005752
11/07/01



November 7, 2001

Via Express Mail

BOX PATENT APPLICATION
Assistant Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Re: Filing of New U.S. Patent Application Entitled "SYSTEM FOR PERFORMING COUPLED FINITE ANALYSIS"
Our Ref. 1082-011

Dear Sir:

This letter accompanies and is filed concurrently with the specification and other documents comprising the application papers for the referenced new U.S. patent application.

Pursuant to 37 C.F.R. §§1.52(e) and 1.96, we have attached hereto and hereby submit for filing in connection with the referenced and concurrently-filed patent application two duplicate copies (Copy 1 and Copy 2) of the CD-ROM identified in Appendix II of the specification and incorporated by express reference into the specification.

The two CD-ROMs are identical. Each of the CD-ROMs contains a computer program listing appendix comprising computer software in accordance with a presently preferred embodiment of the invention, and is identified in the specification in Appendix II.

The computer software is for an IBM-PC compatible machine format operating with an MS-Windows operating system. A listing of the directories and files contained on each of the CD-ROMs, including the directory and file names, file types, sizes in bytes, and dates of creation, is contained in Appendix III of the specification attached hereto, and is incorporated herein by express reference.

Assistant Commissioner for Patents
November 7, 2001
Page 2

A SETUP.EXE file contained on the CD-ROM should be opened initially to set up and install the files used to operate the computer software on a Windows-based machine.

Sincerely,



Stephen T. Sullivan
David S. Taylor

STS/DST/akh
Enclosures

CERTIFICATE OF EXPRESS MAIL

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Anne K Hooke

**NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Micheal P. Iverson
Title	SYSTEM FOR PERFORMING COUPLED FINITE ANALYSIS
Atty Docket Number	1082-011

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

November 7, 2001

Date

Signature

Stephen T. Sullivan

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Anne K Hoole